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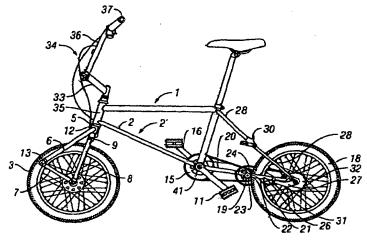
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(54) Title: FOLDING BICYCLE



(57) Abstract: In the riding mode, the folding bicycle has the same geometry that defines the riding characteristics and ergonomics in a usual bicycle, and has in the storage or portable mode the dimensions that fit into the trunks of small-sized cars, while allowing folding without the use of tools and in riding mode having no gaps between the detachable parts. The bicycle has the front fork (4) with the fork blades (6) bent forward and equipped with two backwards- pointing swing-arms (7), which hold the front wheel (3) in such a way that its position remains the same as in a usual bicycle and can be adjusted to riding preferences. The swing-arms (7), which are attached to the fork blades (6), rest on the end parts (13) and are bound by the springs (14). In the riding mode, the springs (14) keep the swing-arms (7) constantly pressed against the end parts. The rear wheel (18) can be folded by turning it together with 1 the chain stays (17) around the pivot (19) with an attached coaxial shaft (22), which holds a pair of sprockets (23,24). The cranks (16) and the sprocket (32) on the rear wheel (18) are connected by two chains (25, 31).

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